



IFWO

RAW SEQUENCE LISTING

DATE: 07/30/2004

PATENT APPLICATION: US/10/752,096

TIME: 11:27:57

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\07302004\J752096.raw

3 <110> APPLICANT: Schering AG
 5 <120> TITLE OF INVENTION: Enhanced Scintigraphic Imaging Agents for Imaging of
 Infection and
 6 Inflammation
 8 <130> FILE REFERENCE: SCH10663US2
 10 <140> CURRENT APPLICATION NUMBER: US 10/752,096
 11 <141> CURRENT FILING DATE: 2004-01-07
 13 <150> PRIOR APPLICATION NUMBER: US 60/438,316
 14 <151> PRIOR FILING DATE: 2003-01-07
 16 <150> PRIOR APPLICATION NUMBER: EP 03 000 204.2
 17 <151> PRIOR FILING DATE: 2003-01-07
 19 <160> NUMBER OF SEQ ID NOS: 7
 21 <170> SOFTWARE: PatentIn version 3.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 23
 25 <212> TYPE: PRT
 26 <213> ORGANISM: artificial
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Complexing Agent
 31 <220> FEATURE:
 32 <221> NAME/KEY: ACETYLTATION
 33 <222> LOCATION: (1)..(1)
 34 <223> OTHER INFORMATION:
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 38 Lys Lys Lys Lys Lys Cys Gly Cys Gly Gly Pro Leu Tyr Lys Lys Ile
 39 1 5 10 15
 42 Ile Lys Lys Leu Leu Glu Ser
 43 20
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 47 <211> LENGTH: 23
 48 <212> TYPE: PRT
 49 <213> ORGANISM: artificial
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Complexing Agent
 54 <400> SEQUENCE: 2
 56 Lys Lys Lys Lys Lys Cys Gly Cys Gly Gly Pro Leu Tyr Lys Lys Ile
 57 1 5 10 15
 60 Ile Lys Lys Leu Leu Glu Ser
 61 20
 64 <210> SEQ ID NO: 3
 65 <211> LENGTH: 23
 66 <212> TYPE: PRT
 67 <213> ORGANISM: artificial
 69 <220> FEATURE:



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70 <223> OTHER INFORMATION: Complexing Agent

72 <220> FEATURE:

73 <221> NAME/KEY: ACETYLATION

74 <222> LOCATION: (1)..(1)

75 <223> OTHER INFORMATION:

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79 Arg Arg Arg Arg Arg Cys Gly Cys Gly Gly Pro Leu Tyr Arg Arg Ile

80 1 5 10 15

83 Ile Arg Arg Leu Leu Glu Ser

84 20

87 <210> SEQ ID NO: 4

88 <211> LENGTH: 23

89 <212> TYPE: PRT

90 <213> ORGANISM: artificial

92 <220> FEATURE:

93 <223> OTHER INFORMATION: Complexing Agent

95 <220> FEATURE:

96 <221> NAME/KEY: ACETYLATION

97 <222> LOCATION: (1)..(1)

98 <223> OTHER INFORMATION:

W--> 100 <400> 4

102 Arg Arg Arg Arg Arg Cys Gly Cys Gly Gly Pro Leu Tyr Lys Lys Ile

103 1 5 10 15

106 Ile Lys Lys Leu Leu Glu Ser

107 20

110 <210> SEQ ID NO: 5

111 <211> LENGTH: 23

112 <212> TYPE: PRT

113 <213> ORGANISM: artificial

115 <220> FEATURE:

116 <223> OTHER INFORMATION: Complexing Agent

118 <220> FEATURE:

119 <221> NAME/KEY: ACETYLATION

120 <222> LOCATION: (1)..(1)

121 <223> OTHER INFORMATION:

W--> 123 <400> 5

125 Lys Lys Lys Lys Lys Cys Gly Cys Gly Gly Pro Leu Tyr Arg Arg Ile

126 1 5 10 15

129 Ile Arg Arg Leu Leu Glu Ser

130 20

133 <210> SEQ ID NO: 6

134 <211> LENGTH: 23

135 <212> TYPE: PRT

136 <213> ORGANISM: artificial

138 <220> FEATURE:

139 <223> OTHER INFORMATION: Complexing Agent

141 <220> FEATURE:

142 <221> NAME/KEY: ACETYLATION

143 <222> LOCATION: (1)..(1)

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144 <223> OTHER INFORMATION:
146 <220> FEATURE:
147 <221> NAME/KEY: MISC_FEATURE
148 <222> LOCATION: (6)..(6)
149 <223> OTHER INFORMATION: Penicillamine
W--> 152 <400> 6
W--> 154 Lys Lys Lys Lys Lys Xaa Gly Cys Gly Gly Pro Leu Tyr Lys Lys Ile
      155 1          5          10          15
      158 Ile Lys Lys Leu Leu Glu Ser
      159          20
162 <210> SEQ ID NO: 7
163 <211> LENGTH: 23
164 <212> TYPE: PRT
165 <213> ORGANISM: artificial
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Complexing Agent
170 <220> FEATURE:
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172 <222> LOCATION: (1)..(1)
173 <223> OTHER INFORMATION:
175 <220> FEATURE:
176 <221> NAME/KEY: MISC_FEATURE
177 <222> LOCATION: (6)..(6)
178 <223> OTHER INFORMATION: Isocysteine
W--> 181 <220>
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      184 <223> OTHER INFORMATION: Isocysteine
      187 <400> SEQUENCE: 7
W--> 189 Lys Lys Lys Lys Lys Xaa Gly Xaa Gly Gly Pro Leu Tyr Lys Lys Ile
      190 1          5          10          15
      193 Ile Lys Lys Leu Leu Glu Ser
      194          20

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/752,096

DATE: 07/30/2004
TIME: 11:27:58

Input Set : A:\PTO.LM.txt
Output Set: N:\CRF4\07302004\J752096.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; Xaa Pos. 6
Seq#:7; Xaa Pos. 6,8

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/752,096

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Input Set : A:\PTO.LM.txt

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L:36 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:34
L:77 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:75
L:100 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:98
L:123 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:121
L:152 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:144
L:154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:181 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:173
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0